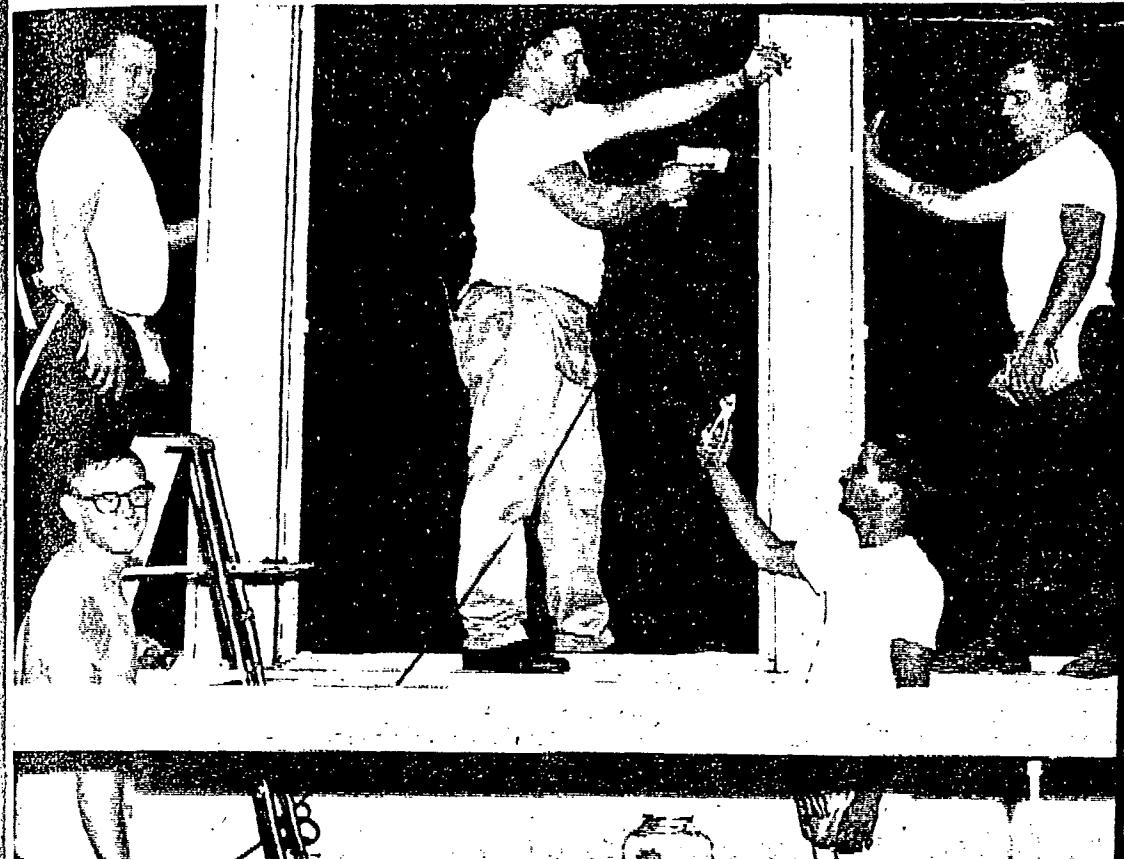


Windows, Sidewalks Improve Main Building



WORKING AS LATE as 3:30 a. m., Bill Herler and Larry Duley, front row; Ray, Tom, and Jerry Nall, back row, employees of De Vac Inc., Des Moines, Iowa, are installing

Construction and repairs have been started on the windows and doors in the Administration Building, in classrooms in Colden Hall, and on sidewalks around the two buildings.

The inside doors to corridors, the outside doors on the North side, and the 300 windows in the Administration Building are being replaced with aluminum frames. The new windows on third floor, front, have already been installed.

This is the first time aluminum doors and windows have been used on the building. De Vac Company has charge of the project which will improve the building and prevent heat loss. The work crews are in the building from 4 p. m. to midnight, so that classes are not

disturbed during the day.

Other construction work at the building includes the completion of a new roof. Half the roof was replaced with slate several years ago. The work, to be completed this summer, is being done by Seaman and Schuske Company.

The sidewalk in front of the building was replaced last semester. There will be new sidewalks on the west side of the building later this summer.

Inside the building the auditorium is being remodeled, painting has been completed, and the vending machines have been moved to the new student lounge on the east side.

In Colden Hall, corridors and stairways have been painted, large classrooms have been divided, and other classrooms

new windows and doors in the administration Building. The aluminum frames are giving a bright appearance to the oldest building on campus.

have been made into offices for new instructors. Cement sidewalks are being laid all around the classroom building.

MSC Awarded Grant For Instructional Aids

A grant of \$13,198 has been awarded to Northwest Missouri State College for the improvement of instruction under Title VI of the Higher Education Act.

The announcement of the grant was made by telegrams from Missouri Senators Stuart Symington and Edward V. Long, and Rep. William R. Hull.

A large part of the grant will be used to furnish a social science and a psychology laboratory and to set up an anatomy and kinesiology laboratory.

NORTHWEST MISSOURIAN

NORTHWEST MISSOURI STATE COLLEGE

32
Vol. 26—No. 26

Maryville, Missouri

July 15, 1968

Model Rocketry, Egg Drop Highlight Aero-Space Study

Members of the Aero-Space workshop, sponsored by the National Aeronautics and Space Administration and the Civil Air Patrol in conjunction with NWMSC, completed their study with activities in model rocketry and egg dropping.

The egg drop was a creative imagination activity. The purpose was to illustrate in ordinary circumstances the problem of how to soft land a delicate instrument on the moon so that the instrument will survive. In the workshop here, the delicate instrument was a raw egg and the drop was from the top of a new seven story dormitory.

Each member of the class had the problem of packaging his egg in a one cubic foot box so well that it would not break when it hit the ground. Possible packaging materials for such an experiment are styrofoam, sponge rubber, jello, paper cartons, pieces of nylon, and suspended oil baths.

Robert Bush, Space Science Consultant, NASA - Goddard Space Flight Center, Greenbelt, Md., and an instructor for the workshop, reported that only four of the seventeen eggs dropped were broken. He commented, however, that this was an unreal situation because of the soft dirt landing. A concrete landing for the eggs would have made a more realistic study.

After hearing lectures on model rocketry by Mr. Bush,

the class experimented in this area also. Mr. Bush pointed out that model rocketry is a safe hobby, recognized by the Federal Aviation Agency, NASA, and CAI. The rocket must have a commercial engine, weigh less than 16 ounces, and be built from cardboard and balsa wood.

Other workshop activities included a field trip to St. Louis. There the members toured McDonnell Aircraft and observed the Gemini 11 Spacecraft being prepared for shipment to Cape Kennedy. They also toured McDonnell Planetarium, St. Louis Airport, and Ozark Airlines.

One session was highlighted by a visit from a spacemobile, a one-ton panel truck equipped with scale models of space craft. The spacemobile, an NASA educational program, shows a historical overview of rocketry.

There were also numerous lectures and a field trip to the Maryville airport. In Maryville, workshopers discussed aeronautics and had an orientation flight in a Cessna 172.

Members of the workshop were primarily elementary teachers who were interested in astronomy and community resources for teaching astronomy, the sky, and related activities.

Dr. James Gleason, chairman of the Department of Education, was the director and coordinator for the workshop.



AERO-SPACE WORKSHOP instructor, Robert Bush, center, is demonstrating to workshop members the proper way to insert the engine in the model rocket the group later fired.



RECOVERING THE EGG packaged in fiberglass, that she dropped from the top of a new dormitory, Donna Auxier, left front, student in the Aero-Space Workshop, proves to Horace Mann students and other workshop members that a raw egg can fall seven stories without breaking.



NWMSC SENIORS Geary Engmann, left, and Roger Standard, right, enrollees in the Aero-Space Workshop, are preparing to fire the rocket which Standard designed and built.

Chamber Music Ensemble to Present Concert



REHEARSING for Tuesday's concert are members of the Inter-Collegiate Chamber Ensemble, Margaret Davis Kew, Atchison,

The Inter-Collegiate Chamber Ensemble will present a concert Tuesday at 8 p.m. in the Charles Johnson Theater of the Olive DeLuce Fine Arts Building.

The program, open to the public, will include "Quartet in C Major, Op 59, No. 3," Beethoven; "Quintet in G Minor Op. 57," Shostakovich, and "Quintet in A Minor, Op. 14," Saint-Saens.

Violinists for the ensemble are Margaret Davis Kew, Atchison, Kas., and Louis Reimer, Liberty. Mrs. Kew, a soloist last season with the St. Joseph Symphony Orchestra, is on the faculty at Mt. St. Scholastica College, Atchison. Mr. Reimer is on the faculty at William

Kas., Louis Reimer, Liberty, Mary Jane Sandford, Maryville, Catherine Farley, Kansas City, and Donald H. Sandford, Maryville.

Jewell College, Liberty, and is the concertmaster of the St. Joseph Symphony Orchestra.

Catherine W. Farley, a faculty member of the Conservatory of Music, University of Missouri, Kansas City, and member of the Resident Trio there, is the violoncellist for the ensemble.

Mary Jane Sandford, pianist, and Donald H. Sandford, violinist, are faculty members in the division of music at NWMSC. Dr. Sandford is the organizer and instigator of the Inter-Collegiate Chamber Ensemble, organizer and director of the In-

ter-City String Orchestra.

Tuesday's performance will be the third appearance of the Chamber Ensemble at NWMSC.

History Instructor To Direct Library

Dr. John Wickman, assistant professor of history at Purdue University, Fort Wayne, Ind., and a former history instructor at NWMSC, has been appointed director of the Dwight D. Eisenhower Library, Abilene, Kan.

Lawson B. Knott, Jr., administrator of General Services made the announcement Monday. Dr. Wickman's appointment will be effective July 1.

Through its National Archives and Records Service, the General Service Administration operates the Herbert Hoover Library, West Branch, Iowa; the Franklin D. Roosevelt Library, Hyde Park, N.Y., and the Harry S. Truman Library, Independence, as well as the Dwight D. Eisenhower Library.

It will also administer the John F. Kennedy Library, Cambridge, Mass., and the Lyndon B. Johnson Library, Austin, Tex., upon their completion.

Swiss to Arrive on Campus Tuesday for 12-Day Visit

Ten young Swiss will visit Northwest Missouri State College July 20—Aug. 2 as an Experiment in International Living, according to Miss Karen Licklider, dean of women.

During their campus visit, the three men and seven women will stay in residence halls and will have summer school students as their hosts. The visitors will audit classes of their choice each morning and will tour the NWMSC campus and Maryville and visit the hosts and other Maryville families during the afternoon. Tours, entertainment, and other special activities are being planned for them.

Area families interested in having one or more of the young persons as Sunday guests on July 24 should contact Miss Licklider.

Members of the group include Peter Stocklin, 21, Zug, law student and military officer, group leader; Rudolf Hunkeler, 31, Sursee, teacher of German, French, and English at a grammar school.

Werner Zai, 26, bank clerk; Susanne Heizmann, 21, Zurich, secretary at British Consulate General, Zurich.

Anne Koch, 28, Stetten, secretary at a pharmaceutical firm; Regula Krayenbuhl, 25, Winterthur, secretary for a sales engineer of an American

paper machine company.

Verena Briner, 22, Kloten, elementary teacher; Silvia Trub, 22, teacher in Zurich; Anne-Marie Strassler, 23, Zurich, secretary in a publicity office, who corresponds in English, German, French, and Italian; Annelies Moser, 24, Zurich, secretary with an engineering firm, who corresponds in three languages.

NWMSC students who will act as hosts include Kay Elder, Norma Buffington, Jill Richards, Marilyn Frandsen, Peggy Miller, Rae Templeman, Carol Sinclair, Russell McCampbell, Phil Fine, and Ron Murawski.

Purpose of the program is to give the people of different nations a better understanding and knowledge of one another's land, people, and culture.

Co-editors Mary Lou Mullenax, Fred Beau
Managing editors Marjorie Hitchcock, Regie Turnbough
Editorialist Bob Beck
Circulation Manager Joyce Jeanb
Business Manager Lynette Col
Advertising Managers Sally Jackson, W. R. O'Ri
Activities Editor Fred Fischb
Adviser Mrs. T. H. Felt
Reporters Beverly Beeks, Vicki Ham
Eugene McCombs, Janet Niels
W. R. O'Riley, Sue Calbre

Published weekly at the Northwest Missouri State College, Maryville, Mo., September through July, except during examination periods and after vacations.

Entered as second class matter, November 9, 1914, at the Post Office at Maryville, Mo., under the act of March 8, 1879.

Subscription Rates—One Semester—50c
Advertising Rates, per column inch—75c

It Would Have Been

Sunday would be her birthday.

Some day 20 college hours away would be her graduation day.

But Friday she died, along with two children and sister and brother-in-law when their car and a truck collided on US 71 just outside Nodaway County.

She was working for an elementary education degree from Northwest Missouri State College. She had done her first two years of college work at Cottey College and had commuted to Maryville since the fall semester of 1964.

She had her memories. She had her family and home and all the little things that make the moments of life significant. She had her plans for the future.

And so did God.

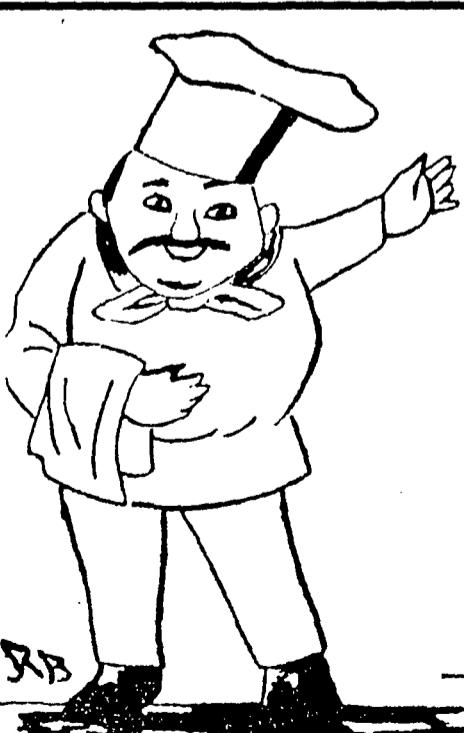
Mrs. Melba June Davidson, 38, Bedford, Iowa, answered God's call.

Xerox Machine Ready For Students to Use

For the convenience of Northwest Missouri State students, a Xerox model 910 copying machine is available at Wells Library.

Copies may be made for ten cents each. This cost includes the rental of the machine \$25 dollars a month, the copying process at 3½ cents a copy, the cost of the paper, the cost of the toner, and the maintenance of the machine. This leaves only a small balance to come from the library budget.

Advantages of the Xerox machine are that it is a dry process and does not need a solution. The machine prints black on white; it will print objects of any thickness, and confidential materials may be copied with no record as there is no a negative.



We May
Not Make
All the
Pizza in Town
but
We Claim to
Make the
Best

—Free Delivery—
Phone 582-4112

La Pizza House

Stephenson's
FABRICS AND FASHIONS
DRYGOODS CO.

Annual July
Pre-Inventory
Sale

Dresses
Reduced 15% to 50%

FABRICS
25% off

SHOP OUR
KODAK GIFT
CENTER Complete selection of
KODAK INSTAMATIC
Cameras

Gaugh Drug

Campus Time Table

LIBRARY . . . 7:30 a. m. to 9 p. m. Monday through Friday; 8:30 a. m. to noon Saturday; 2 p. m. to 6 p. m. Saturday.

UNION SNACK BAR . . . Tuesday, Thursday, Friday 7:00 a. m. to 6:00 p. m.; Monday, Wednesday, 7:00 a. m. to 9:30 p. m.; Saturday 1 to 6 p. m.; closed Sunday.

UNION BOOKSTORE . . . 8 a. m. to 4 p. m. week days only.

HEALTH OFFICE . . . 7:30 a. m. to 8 p. m. except noon to 1 p. m. and 5 to 6 p. m. Nurses remain on-call 24 hours.

BUSINESS OFFICE . . . 8 a. m. to 4 p. m. Monday through Friday; 8:30 a. m. to noon Saturday.

CAFETERIA . . . Weekdays: 6:45 to 7:15 a. m., breakfast; 11:45 a. m. to 12:30 p. m., lunch; 5 to 5:45 p. m., dinner.

Saturday: 7 to 7:30 a. m., breakfast; 11:45 a. m. to 12:15 p. m., lunch; 5 to 5:45 p. m., dinner.

Sunday: 8 a. m. to 8:30 a. m., breakfast; 12:15 to 12:45 p. m., lunch; no dinner.

Volunteers Study Newman Center

Three students studying on campus this summer, Joyce Chapman, Malden, Mass.; Mike Fortune, Omaha, Neb., and Dan Healey, Boston, Mass., are involved in a volunteer program sponsored by Father Flanagan, Kansas City.

The purpose of the program is for volunteers from all over the country to teach catechism classes, supervise recreation programs, and work with remedial reading classes. After a week of orientation, lectures, and workshops, the group was divided into teams of three or four members to work in parishes in the Kansas City area.

Miss Chapman, Fortune, and Healey have been assigned a unique experiment as part of the program. They are in Maryville to work with the Newman Club, the Roman Catholic college youth organization.

Their objective is to ascertain the role of the Newman Club Center on a secular campus. The three students are conducting discussion groups, sponsoring social activities, and attending college classes to study how the Newman Club could operate better and reach more students.

Miss Chapman, Fortune, and Healey have emphasized that they are here to get acquainted with students from all denominations and that their experiment is actually a learning experience for them.

Miss Chapman, an elementary education major, and Healey, a secondary education major, attend Boston, Mass.,

12 Missouri Centers To Give Corps Test

Any eligible person who would like to take the Peace Corps test may do so at 9 a. m. Aug. 13 or Sept. 10.

Applicants must fill out a Peace Corps Application. These forms are available at all post offices or may be obtained by writing to Peace Corps, Washington, D. C., 20525.

Any citizen of the United States who is 18 or over and has no dependents under 18, and married couples, if both husband and wife can serve as volunteers, are eligible to take the test.

Applicants do not pass or fail the test. It only indicates how they can best help the people of developing countries around the world.

The Missouri centers where the test will be given are Cape Girardeau, Columbia, Farmington, Jefferson City, Joplin, Kansas City, Kirksville, Poplar Bluff, St. Joseph, St. Louis, Springfield, and West Plains.

Lamkin Gym to Remain Open For Recreation This Summer

Lamkin Gymnasium will be open for recreation from 3 p. m. to 5 p. m. Monday through Friday during summer school, according to Dr. Burton Richley, chairman of the physical education department.

Open swimming for students is allowed from 3:30 p. m. to 5 p. m. Monday through Friday also.

College. Fortune is a seminary student at Conception Seminary.

The Highest Quality Gas

Lower Prices

Mutz Oil Co.

5th and Main St.

College Booster Since 1913

NORTHWEST MISSOURIAN—JULY 15, 1966—PAGE THREE

Dr. Quinn's Study of Dropouts Indicates Need for Added Service in Retraining



By Sally Jackson

"Although all school dropouts aren't delinquents, most delinquents are dropouts."

This statement by Dr. Richard Quinn, of the NWMSC Department of Psychology, explains one of the conclusions he has drawn from an examination of school dropouts enrolled in an Oklahoma retraining program.

The overall research program, which was initiated by Oklahoma State University, was made to compare the effectiveness of three basic instructional formats—academic only, vocational only, and academic-vocational combination—in producing socially desirable changes in its subjects. Guidance services or any curricular incorporations which would deal with values or attitudes relative to personal or social adjustment changes were exempt from the study.

Dr. Quinn's analysis of the retraining program was a supplemental kind of examination as partial fulfillment of the OSU requirements for his doctorate degree in 1965.

Special Terms Involved

Two groups, composed of 160 persons in each, were selected from among 2,000 Oklahomans. The age range of those selected was from 18 to 22 years.

The experimental group, students who were trained by the program in academic or in vocational fields, or in both, was compared with the control group, students who were former trainees but who had dropped from their respective programs before 15 per cent of the training had been completed and students who were selected at the same time as the experimental group but who had not received any training.

The dropout was defined as "any pupil who leaves school for any reason except death before graduation from a secondary school."

Generally speaking, the dropout group indicated a

"one young girl was holding up our whole program because she was the last to be tested. She was avoiding our efforts to reach her. And because she had taken the pre-test, we had to interview her to finish our study."

"We tried stake-outs where she lived, but to no avail. Finally, a researcher went to the door with a green government check protruding from his shirt pocket. Soon after he had explained to the householder that the check would become invalid unless he found the girl that day, she came sauntering around the corner of the house," Dr. Quinn related.

When the test was finished, the check was filled in for \$15 to pacify the girl.

Another memorable event for Dr. Quinn was his friendship with an old, toothless Indian woman. She would always ask him to read letters received from her son who was in the armed services.

"I had the feeling she watched for someone who was literate to come to her village and then would pounce on that person to read her letter to her. I read it, myself, several times."

Change Still Possible

Dr. Quinn explained that although attitudes did not change significantly by the end of the training period, he maintains that change is still possible after the effects on those who have learned new skills are more settled. A follow-up survey will be conducted by other USO researchers to see if this change does occur.

Dr. Quinn, an NWMSC graduate, added, "If change is desired, then direct overt efforts and appropriate services should be provided in future programs."

In the beginning, the Job Corps program and other re-training programs did not provide such services, but more recently, those directing these activities have found programs including attitude adjustment are most helpful.

FORMER STUDENT GETS PH.D. DEGREE

Roger Dale Blackwell, son of Dr. and Mrs. Dale J. Blackwell, Warrensburg, formerly of Maryville was awarded a Doctor of Philosophy degree June 11, by Northwestern University, Evanston, Ill.



Magner
Harley-Davidson Sales
1819 Frederick Ave.
St. Joseph, Mo.

FOR THE FINEST IN
School Supplies • Gifts
China • Crystal
HOTCHKIN STATIONERS

Approximately 1,000 Students Take Selective Service Test



DEAN OF STUDENTS Dr. Charles E. Koerble, and Mrs. Ethel Mock, Nodaway County Selective Service supervisor, discuss the forms that were used for the Selective Service test administered to male students at NWMSC.

Approximately 1,000 high school senior and college male students took the recently administered Selective Service test at Northwest Missouri State College.

According to Dr. Charles E. Koerble, dean of students, this test was used for classification status by many Selective Service Boards.

The test was administered here four different times. Approximately 600 male students took the test the first time, 250 the second time, 100 the third time, and 50 the fourth time. More than three hours were required to complete each administration.

Dr. Koerble stated that many of the students felt that the test "was a breeze." I believe that it benefits a student who takes the test," he added.

When asked his opinion of the test, Dr. Koerble stated: "The test was so easy that most college students had little trouble passing it. A draft board can not ignore a good grade on the test."

The Psychological Corporation, Chicago, prepared the test in three months. Different

forms were used at each testing to protect test security.

Dr. Koerble said that the college stands ready and willing to administer the test at any future time for the benefit of high school or college students.

Students who have already taken the test may obtain results from their local draft board.

Fall Catalogs Available In Registrar's Office

NWMSC's general catalogs for the coming fall and spring semesters are available in the registrar's office.

The catalogs include a list of faculty members, a list of courses, requirements for specific degrees, and a calendar for the 1966-67 school year.

Public Invited to View Special Book Display

"Books on Exhibit," a collection of 899 library books suitable for grades 7-12, is on display in the north end of the reading room on the second floor of the Wells Library.

Teachers and librarians are invited to view the collection.

SUMMER CLEARANCE SALE

- Dresses—Buy one at regular price; get another for \$1.00
- Sportswear—1/4 off
- Summer Purses—1/2 price

Town and Country

Condon's Corner Drug

Rexall Since 1921

Headquarters for College Students.

Fountain service—school supplies

Largest selection of magazines in NW Mo.

Three Pharmacists

If your name appears below, come to our soda fountain to receive a free malt.

Ann Mitchell Jack Estes Gerald Brown
 Jack Appleman Charles Hagan Charlotte Kenny
 John Napolis Mary Plummer Darrell Cotter
 Howard Collins Curt Lantz Al Van Dyke
 Dr. Charles Koerble Mr. Charles Fry Dr. George Gayler

Bob Crawford Named To All American Team

Bob Crawford, 1965 graduate of NWMSC, recently has been elected to the college division All American baseball team for the 1963 baseball season.

The NWMSC athletic department received a letter and a certificate from the chairman of the All American Committee last month. A certificate was also sent to Crawford after being signed by Ryland Milner, NWMSC athletic director, and Burton Richey, baseball coach.

During the 1963 season Crawford played a total of 152 innings; had 23 hits in 65 times at bat for a .354 average; scored 15 runs; and drove in seven runs. His 23 hits consisted of 16 singles, 5 doubles, and 2 triples. Crawford also had 9 stolen bases.

Crawford led the 1963 Bearcat baseball team in times at bat, hits, runs scored, singles, and stolen bases. He shared the lead in doubles, and had the second highest batting average. Crawford was also the captain of the 1963 Bearcat squad.

'Wrestling News' Cites Grappler

Wrestling coach Jerry Landwer recently announced the listing of one of the Bearcat wrestlers in a national magazine and the signing of several high school mat stars for next year's team.

Allan Borkowski, MIAA 177-pound champion from Audubon, Iowa, and a junior next season, was listed in a recent edition of "Amateur Wrestling News" as one of the 10 outstanding sophomore wrestlers in his weight class in the nation.

Borkowski had an 8-3-1 dual match record as a sophomore, but all of his losses came while wrestling as a heavyweight. As a freshman he had a 10-2-0 varsity dual mark.

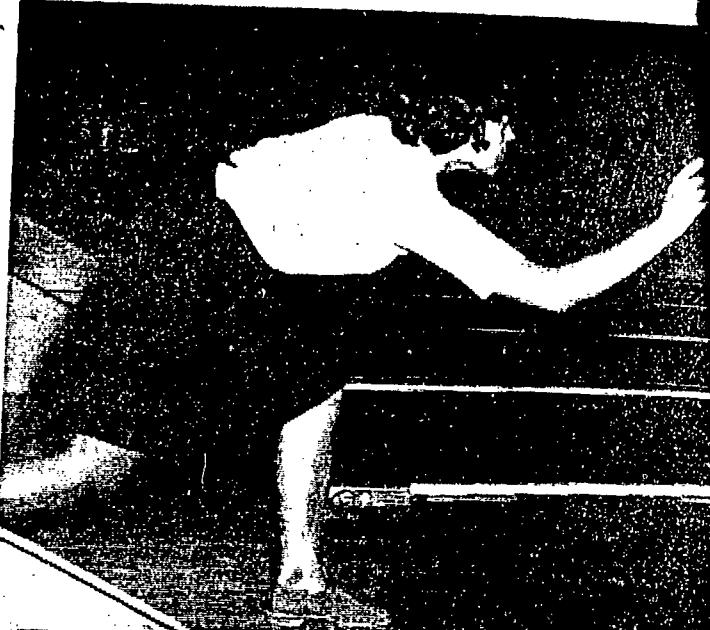
One of the most promising grapplers listed by Landwer as planning to attend NWMSC is Charles Lyons, Budd Lake, N. J., who was fourth in his state meet at 130 pounds, but came back to win the state AAU freestyle and Greco-Roman wrestling championships in the 136-pound class.

The wrestling mentor also considers Stan Zeamer, Elizabeth, Pa., and Mike Carey, Urbandale, Iowa, to be outstanding futures. Zeamer reached the semi-finals of the Pennsylvania state championships all four years in high school in weight classes from 112 to 127 pounds. Carey, an exceptional high school heavyweight, is tabbed by Landwer to wrestle in the 191-pound class.

College Men

Look Smooth with a Haircut by One of Our Experienced Barbers

**Gill - Lynch
Barbers**
219 North Main



DISPLAYING CORRECT FORM in bowling, Linda Garvey, Des Moines, Iowa, gets set to bowl her highest score of the year on the day this picture was taken.

Bowling, Golfing Provide Activities for Entire Life

What is probably the first league and reported that most class to close during registration? P. E. 15.

The bowling and golf course is one of the most popular courses at NWMSC. As one B and G student exclaimed, "This course is fun!"

Coach Ryland Milner, summer instructor of the course, stated that instruction in golf was initiated over 20 years ago, with the addition of bowling later. Coach Milner and football mentor Ivan Schottel are the instructors for the course.

For bowling the class meets at the Nodaway Lanes at 11 a. m. three days a week. Golf will begin in two weeks at the Maryville Country Club.

Coach Milner reported that there have been few tardy students, no absences, and no dropouts. He has set up a

Student Classification Set In Administrative Offices

The office of the Dean of Administration classifies students according to academic hours at the beginning of each semester.

Classifications are 27 hours, freshman; 27-57 hours, sophomore; 57-80 hours and a 1.80 grade point average, junior, and 80 or more academic hours, senior.

Some students at Northwest Missouri State College seem to be confused about the method used to figure grade points.

According to the 1966-67 college catalog, an A will count four points; B, three; C, two; and D, one, for each hour of classwork. By dividing the sum of grade points by the number of credited semester hours the grade point average may be determined.

FREE PICK-UP and DELIVERY One Hour Dry Cleaning

One Day
Shirt Laundry

IDEAL CLEANERS

Try Our Drug Store First for

- Personal Needs ● Gifts
- Candy ● Greeting Cards

Haines Drug Store